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Title

Phase II Field Sampling Plan for Targeted Brownfields Assessment: Rose and Walsh Smelter, San Juan County, Color  
Draft Human Health Risk Evaluation Technical Memorandum: Rose and Walsh Smelter Site, San Juan County, Color  
Analytical Results Report: Rose and Walsh Smelter, San Juan County, Colorado  
ESAT Region 8 Chain of Custody Form, U.S. Environmental Protection Agency Region 8 Superfund Program Analytic  
ESAT Region 8 Chain of Custody Form, U.S. Environmental Protection Agency Region 8 Superfund Program Analytic  
CD: A. Schmidt Presentation ( Hydrological evaluation of plugging Dinero Tunnel to improve water quality; Analytic  
ESAT Environmental Protection Agency Region 8 Superfund Program - Analytical Data Package for Cement Creek - A  
ESAT Environmental Protection Agency Region 8 Superfund Program - Analytical Data Package for Cement Creek - A  
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Letter re: 01/23/13 Request for Information Pursuant to Section 104(e) of CERCLA Regarding the Upper Animas Mi  
Letter re: 01/23/13 Request for Information Pursuant to Section 104(e) of CERCLA Regarding the Upper Animas Mi  
Cover Letter re: Confidential Documents Produced in Response to Request for Information Pursuant to Section 104  
Letter re: Response to Requests for Information, Regarding: Kinross Gold Corp. is responding to the U.S. EPA's Janu  
Cover Letter re: Response to Requests for Information, Regarding: Copies of both Sunnyside Gold Corp. and Kinross  
Letter re: Response to Requests for Information, Regarding: Efforts to improve water quality and habitats in the An  
Region 8 START 3 Contract, TDD No. 1008-0013 - Mod Request for TDD Amendment - Redacted  
Email concerning Upper Animas Mining District TDD 1008-0013 Mod needed with attachment. E-mail and attachm

Redacted version of Email RE: Upper Animas new TDD

Region 8 START 3 Contract, Mod Request for TDD Amendment - Redacted

Email concerning TDD mod needed with attachment. Claimed CBI information in the attachment has been redacted

Upper Animas Mining District TDD Mod Table - Redacted

Email concerning Upper Animas Mining District TDD Mod with attached table. Claimed CBI in attached table has be

Upper Animas Mod Cost Sheet with Task detail - Redacted

Email Re: TDD status - Upper Animas Mod with Task detail attached. Claimed CBI information in Attachment has be

Additional Tasks and Details Table Showing Specific Numbers. Claimed CBI Table has been Redacted - Cost for Unan

Email regarding Modifications of TDD for ARR with attached table showing specific numbers. Claimed CBI in attache

Redacted version of Region 8 START 3 Contract, Technical Direction Documents - Site Assessment (Task Order #001

Redacted version of EPA START 3, Technical Direction Documents - Site Assessment (Task Order #0014) TDD #TO-11

Redacted version of Handwritten notes re: the TDD status of UAMD/UCE w/attached START 3, TDDs - Site Assessm

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Water Data Validated - DataValidation.accdb (Access database)

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Summary Scoresheets for Computing Projected HRS Score (Quickscore). May 4, 2011. 12 pages

Photograph - Red & Bonita Ferricrete Dead Zone DSC00208 06272005.JPG

Photograph - 13 American Tunnel CC19 WQ Sampling Site 09142010

Photograph - 62 ViewFromMogulTails 06032010.JPG

Cover Letter w/attached START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13, Revised Draft Repor

Quickscore Scoresheets and Narrative, June 21, 2011 - 7 pages, HRS Preliminary Score

Web Page: USGS Surface Water Data for Colorado - USGS Surface-Water Annual Statistics - Ref. 17

Chain of Custody Form: START EPA Contract No. EP-W-05-050, Case No. 40755 - ALS Laboratory Gourp - DATAC - Ba

Quick Reference Fact Sheet: Using Qualified Data to Document an Observed Release and Observed Contamination - O

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Transmittal Cover Sheet and First Page - START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-01 - Field

Transmittal Letter w/attached: Draft - START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1005-04 - Trip Re

Transmittal Letter w/attached: START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13 - Trip Report fo

Quadrangle Location Map - Silverton, CO. - Ref. 5

Quadrangle Location Map - Ironton, CO. - Ref. 4

Memorandum: Latitude and Longitude of Sample Point UASW006 Designated as the Center of the Upper Cement C

Superfund Chemical Data Matrix Methodology - Ref. 2

Geologic Framework: Chapter E1 of Integrated Investigations of Environmental Effects of Historical Mining in the A

History of Mining and Milling Practices and Production in San Juan County, Colorado, 1871-1991 - Chapter C of Inte

Generalized Geologic Map of Part of the Animas River Watershed and Vicinity, Silverton, Colorado

Integrated Investigations of Environmental Effects of Historical Mining in the Animas River Watershed - Vol 1 & 2

Final Analytical Results Report: START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13, Upper Animas

Final Analytical Results Report: START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13, Upper Animas

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Field Sampling Plans: START 3, EPA Region 8, Contract No. EP-W-05-050 - Field Sampling Plan, Upper Animas Minin

Field Sampling Plans: START 3, EPA Region 8, Contract No. EP-W-05-050 - Field Sampling Plan, Upper Animas Minin

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Field Sampling Plans: START 3, EPA Region 8, Contract No. EP-W-05-050 - Field Sampling Plan, Upper Animas Minin

Field Sampling Plans: Transmittal Letter - START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13 - Fie

Field Sampling Plans: Transmittal Letter w/attached START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 10

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Field Sampling Plans: Final Transmittal Letter - START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13

Field Sampling Plans: Figure 3, Upper Cement Creek Details Map

Field Sampling Plans: Figure 2, Upper Cement Creek Site Details Map

Field Sampling Plans: START 3 EPA Regio 8, Contract No. EP-W-05-050 - Field Sampling Plan - Redline w/Comments

Field Sampling Plans: START 3 EPA Regio 8, Contract No. EP-W-05-050 - Distribution List

Field Sampling Plans: Cover Sheet - START 3 EPA, Contract No. EP-W-05-050, TDD No. 1008-13 - Field Sampling Plan

Field Sampling Plans: Consent for Access to Property Form - (Blank)

Cover Sheet w/attached Draft HRS Documentation Record

Upper Animas Mining District - Figure 2, 15 Mile Downstream Target Distance Limits Site Map

START 3 U.S. EPA, Contract No. EP-W-05-050, TDD No. 1008-13 - Analytical Results Report for Site Reassessment - A

START 3 U.S. EPA, Contract No. EP-W-05-050, TDD No. 1008-13 - Analytical Results Report for Site Reassessment - R

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Preliminary Draft: Cement Creek - HRS Preliminary Score for the Cement Creek, San Juan County, Colorado

Preliminary Draft: Cement Creek HRS - Highest Background Value Selected from Five Background Locations - Dissol

Final: OSWER/OSRTI Upper Cement Creek - National Priorities List (NPL) - Narrative Summary

Reveiw Cover Sheet w/attached HRS Documentation Record

Cover Letter: w/attached START 3 EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13 - Trip Report - Revisio

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Cover Letter: w/attached Final START 3 EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13 - Upper Animas

Figure 1: Upper Cement Creek Source Locations Map

Cover Letter w/attached Draft: START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13 - Upper Anima

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Draft Analytical Results Report (ARR) - Figure 2: 15 Mile Downstream Target Distance Limits Site Details Map

Draft Analytical Results Report (ARR) - Table A: Sediments Total Metals Analytical Summary, Concentrations in Milli

Draft Analytical Results Report (ARR) - Rev 1, HRS Preliminary Score for the Upper Animas River Site (Cement Creek

Draft Analytical Results Report (ARR) - Upper Animas Mining District - Figure 2: Animas River from Silverton, CO to 1

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Analytical Results Report (ARR) - Distribution List - Upper Animas Mining District (clean copy)

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 Draft Analytical Results Report (ARR) - Distribution List, Comments 2 - marginalia  
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 USGS Surface Water Annual Statistics for Colorado (USGS 09359020 Animas River Below Silverton and USGS 09358  
 Stream Classifications & Water Quality Standards (Internet publication)  
 Metal & Nonmetal Mine Operator's Annual Report for the Year 1981 (Gold King Project; includes Inspector's Repor  
 The Silverton Railroads, Gladstone Colorado (Internet article)  
 Report of Structural Geologic Investigation Red & Bonita Mine San Juan County Colorado  
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 Threatened & Endangered List (Internet printout)  
 Private Property for Wetlands (Delineation)  
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 Upper Animas Watershed - Preliminary Assessment - PASI Sites - Correspondence Upper Animas Watershed- PA/SA  
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 The Effects of Acidic Mine Drainage from Historical Mines in the Animas River Watershed, San Juan, CO - What is Be  
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 Attachment 1 to CSC Technical Assistance Teleconference Meeting Notes START Analytical Results Report\Draft AR  
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 Water Data - Unvalidated - C101101 FINAL SCRIBE 12 Nov 10 1341.xls  
 Sediment Data Validated - MH35G5-with qualifiers.xls  
 Sediment Data Validated - MH35H7-with qualifiers.xls  
 Sediment Data Validated - MH35E5-with qualifiers.xls  
 Sediment Data Validated - MH36L0-with qualifiers.xls  
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 Sediment PCB - Unvalidated H36L0.xls  
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 Technical Memorandum - Mass Loading Analysis of the Upper Animas River at Water Quality Station A72  
 START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-13, Field Sampling Plan, Upper Animas Mining Dis  
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 START 3 - Cement Creek Final Report: Wetland and Sensitive Habitat Finding Report, January 2012 w/CD  
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Final Screening-Level Ecological Risk Assessment Work Plan - Cement Creek and Animas River Mining District

Letter re: CDPHE Comments on the November 2012 Draft Screening Level Ecological Risk Assessment for Upper Animas River

Evaluation of Certain Selected Conventional Treatment Methodologies - Cement Creek

Letter re: Draft Screening-Level Ecological Risk Assessment (SLERA) - Sunnyside Comments on SLERA

ESAT Region 8 Chain of Custody Form, U.S. Environmental Protection Agency Region 8 Superfund Program Analytic

ESAT Region 8 Chain of Custody Form, U.S. Environmental Protection Agency Region 8 Superfund Program Analytic

ESAT Region 8 Chain of Custody Form, U.S. Environmental Protection Agency Region 8 Superfund Program Analytic

Complete Sample Delivery Group File (CSF) date CSF received 12/13/2010 - Upper Animas Mining District - Chain of Custody

Complete Sample Delivery Group File (CSF) date CSF received 12/13/2010 - Upper Animas Mining District - Chain of Custody

Complete Sample Delivery Group File (CSF) date CSF received 12/08/2010 - Upper Animas Mining District - Chain of Custody

Complete Sample Delivery Group File (CSF) date CSF received 12/16/2010 - Upper Animas Mining District - Chain of Custody

Complete Sample Delivery Group File (CSF) date CSF received 11/16/2010 - Upper Animas Mining District - Chain of Custody

Complete Sample Delivery Group File (CSF) date CSF received 11/16/2010 - Upper Animas Mining District - Chain of Custody

Complete Sample Delivery Group File (CSF) date CSF received 11/16/2010 - Upper Animas Mining District - Chain of Custody

Complete Sample Delivery Group File (CSF) date CSF received 11/16/2010 - Upper Animas Mining District - Chain of Custody

DRAFT Screening-Level Ecological Risk Assessment

Cover letter: w/attached START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1005-04, Technical Memo - Final

Cover letter w/attached START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-01, Field Activities Report

Cover letter w/attached START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 1008-01, Field Sampling Plan, R

Field Activity Report Mine Adit Entry

CDPHE Quarterly Reports / FY 1998 w/attached comments and reviews from EPA

Letter re: Year End Report - Preliminary Assessment / Site Inspection Program FY 1994 -1995 w/attached quarterly reports

Letter re: Year End Report - Preliminary Assessment / Site Inspection Program FY 1996 w/attached quarterly reports

EPA Response to CDPHE Quarterly Report 1997 w/attached report

Complete Sample Delivery Group File (CSF) date CSF received 09/08/2011 - Chain of Custody, Upper Animas Mining District

Folder Contains 'Sampling & Analytical Data Files, EPA Golden Lab Data Package: Animas River 2009, Lab Service Report

Folder Contains 'Sampling & Analytical Data Files, EPA Golden Lab Data Package: Animas River 2009, Lab Service Report

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Folder Contains 'Sampling & Analytical Data Files, EPA Golden Lab Data Package: Animas River 2009, Lab Service Report

Animas River 2009 - 2010 Data Summary

Baseline Sampling and Analysis Plan for Upper Cement Creek Water Quality Characterization, dated April 8, 2009

Map - Figure 5. Upper Cement Creek Sample Locations Mogul Area - San Juan County, Colorado

Map - Figure 4. Upper Cement Creek Sample Locations San Juan County, Colorado

Summary of Sampling data from 2005 to 2006 for Mine Discharges that impact Cement Creek w/attached Appendix

Map - Figure 1, Upper Cement Creek DMG and WQCD Water Quality Sampling Sites

RCTS Demo Photos

Upper Cement Sites Sampling Photo Logs June 2005

Herbert Placer Reclamation Sampling Photo Logs September 2005

Animas River Sampling Photo Logs September 2010  
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 Fifth Semi-Annual Report for September 15, 2008 Section 319 / Nonpoint Source Project  
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 Third Semi-Annual Report Section 319 / Nonpoint Source Project "Anglo Saxon / Porcupine Mine Assessment and C  
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 Technical Memorandum for the Anglo-Saxon Mine Adit Openings for bulkhead Evaluation Revision 1  
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 Memorandum Regarding NPDES Permits w/Attached Water Compliance Inspection Report & Photos CO-0000426 C

Chain of Custody Form Project Name Animas River / Cement Creek LSR#: 1011-001 (EPA R8 Lab & Paragon Analytic

Chain of Custody Form Project Name Animas River / Cement Creek LSR#: 1009-001 (EPA R8 Lab & Paragon Analytic

Chain of Custody Form Project Name Animas River / Cement Creek LSR#: 1009-034 (EPA R8 Lab & Paragon Analytic

Chain of Custody Form Project Name Animas River / Cement Creek LSR#: 1007-01 (EPA R8 Lab & Paragon Analytica

Chain of Custody Form Project Name Animas River / Cement Creek LSR#: 1006-01 (EPA R8 Lab & Paragon Analytica

Chain of Custody Form Project Name Animas River / Cement Creek LSR#: Not Included (EPA R8 Lab & Paragon Anal

Chain of Custody Form Project Name Animas River / Cement Creek LSR#: 1004001 (EPA R8 Lab & Paragon Analytica

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START 3 Field Sampling Plan Mogul and Grand Mogul Mines TDD No. 1005-04 Contract#: EP-W-05-050

Discharge Table for 3" Parshall Flume Document: PAR3-D-T Figure 3

Discharge Table for 3" Parshall Flume Document: PAR3-D-T

Contacts for Silverton Monthly Sampling w/Attached Travel Itinerary. w/Marginalia

Figure 4 & 5 Upper Cement Creek Sample Locations Mogul Area San Juan County, Colorado Area of Interest

Oversized American Tunnel Portal Topographic Map #0-13 Exhibit C2

Sabrina Forrest Field Working Notes

Draft Data/Charts from EPA Bill Schroeder Evaluation of EPA/BLM/ARSG Water Quality Data Collected During 6 Mo

Email Regarding: Viability of Targeted Listing in Upper Animas Watershed w/Attached Metal Load Tables

START3 file Contents (File for Gladstone)

Email Regarding EPA/BLM Collected Water Quality Data (Site Links)

Email Regarding Excel Spreadsheets of EPA/BLM Collected Water Quality Data (Larry Perino's Comments)

ASRG Bibliography of ARSG Reports and Videos in the Silverton Library

Miscellaneous Handwritten Notes AMD Field Testing Facility and ARSG Document

Email to EPA Staff Regarding Trip to Silverton and Area Issues Regarding Listing of Possible Solution

William Schroeder Field Notebooks, Animas River, July 1998-September 2010 "Full"

Final Report: Berkeley Pit Innovative Tech Proj: H.P.T. Research, Inc Demo: Mine Waste Technology Program Activit

Canon City Company Information including handwritten notes and e-mail date 9-4-2009: STW information for EPA a

Annual Report of the Acid Drainage Technology Initiative - Metal Mining Sector (ADTI-MMS) For Years 2001, 2002 &

Report: Hydroxide Precipitation Systems w/attached Resources (Water treatment information from ORD, BLM, CIW

Draft Quality Assurance Project Plan, Applied Research Project, Gladstone Rotating Cylinder Treatment System, Cem

Review Comments Gladstone Draft SAP and QAPP; Refer 1703 (360) N; US DOI, BLM, National Operations Center (W

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Dissolved Metals samples report (Water treatment information from ORD, BLM, CIWT-RCTS, and other systems)

Analyte samples report (Water treatment information from ORD, BLM, CIWT-RCTS, and other systems)

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Removal Preliminary Assessment Report, Grand Mogul Mine, Silverton, CO w/attached handwritten notes on a Cal  
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Faxed information re locations of Red Bonita Mine, Silver Ledge Mine and Mogul Mine, including sampling data  
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Oversized map of Mining Claims, Gold King Mines Corp. San Juan County, CO  
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Page 7 of the Silverton Standard highlighting a project site map showing Upper Gold King  
Color photograph of tailings: Gold King - Spring failure  
Color photograph of tailings: Gold King - Spring failure  
Sample data comparison to GK7 data, downstream of the Gold King 7th level adits (right hand side of page cut-off)  
Sampling and Analysis Plan for Segment 3a High Flow Characterization San Juan, CO w/ marginalia and editing com  
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Interim report on the scientific investigations in the Animas River watershed, Colorado to facilitate remediation dec  
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Colloid formation and metal transport through two mixing zones affected by acid mine drainage near Silverton, Col  
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Quantification and Simulation of Metal Loading to the Upper Animas River, Eureka to Silverton, San Juan County, C  
Science for Watershed Decisions on Abandoned Mine Lands: Review of Preliminary Results, Denver Colorado Febru

Animas River Biological Macroinvertebrate Investigation and Monitoring Project  
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 Gladstone Water Treatment July 2005 Sampling Event Duplicate Sample Comparison  
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 Gladstone Water Treatment Plant Brownfields TBA Selected Mine Adit and Cement Creek Dissolved Metal Data (a)  
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 Administrative Order/Consent Decree Close-Out Form w/ attached copy of Prospective Purchasers Agreement (Agr  
 Animas River LSR R8070059 Data Pkg - Raw Data Vol 1:1  
 Analytical Results - Animas River / R8070059; Narrative & Data Results included; Not through the CLP Program  
 BLM/USFS ADIT DATA (MAPS & DRAWINGS ATTACHED)  
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"CSF CHAIN OF CUSTODY FORM" (CASE NUMBER: 25043, SDG NUMBER: HR66; DATA INCLUDED)  
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(LETTER TRANSMITTING A COPY OF THE LABORATORY ANALYSIS OF WELL WATER)  
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DATA PACKAGE CASE NO. 25686, SDG NO. HS268  
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al Results Upper Animas - Water & Seds - April & May 2014, TDF: A-034, WO: #C140406, & #C140508 - w/CD

al Results Cement Creek - TOX Initial 2 - November 2012, TDF: DG-322, WO: #C121107 & #C121108 - w/CD

Parameters for Grand Mogul Mine Project Soil and Waste Rock; Site Assessment Work Plan, Mogul and Grand M

75D Minisipper - dated August 2013; TDF: DG-383; LIMS: C130807

73 Minisipper - dated August 2013; TDF: DG-383; LIMS: C130806

72 Minisipper - dated August 2013; TDF: DG-383; LIMS: C130805

urface Water - dated August 2013; TDF: DG-383; LIMS: C130804

urface Water & Soils - dated May 2013; TDF: DG-363; LIMS: C130504

ox Final - dated April 2013; TDF: DG-322; LIMS: C130411

ox Initial - dated April 2013; TDF: DG-322; LIMS: C130410

ox Final - dated January 2013; TDF: DG-322; LIMS: C130101

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ox Water - dated October 2012; TDF: DG-322; LIMS: C121018

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al Data Package for Upper Animas / Cement Creek - A75D Minisipper August 2013; TDF: DG-383; Work Order #C13

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al Data Package for Upper Animas / Cement Creek - A72 Minisipper August 2013; TDF: DG-383; Work Order #C1308

al Data Package for Upper Animas / Cement Creek - Surface Water August 2013; TDF: DG-383; Work Order #C1308

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al Data Package for Upper Animas / Cement Creek Site - Tox Initial April 2013; TDF: DG-322; Work Order #C130410

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al Data Package for Upper Animas / Cement Creek Site - Invertebrate October 2012; TDF: DG-322; Work Order #C1

al Data Package for Upper Animas / Cement Creek Site - Tox Final October 2012; TDF: DG-322; Work Order #C1210

al Data Package for Upper Animas / Cement Creek Site - Tox Initial October 2012; TDF: DG-322; Work Order #C1210

al Data Package for Upper Animas / Cement Creek - Surface Water & Seds Oct 2012; TDF: DG-322; Work Order #C1

al Data Package for Upper Animas / Cement Creek Site - ESAT May 2012; TDF: DG-322; Work Order #C120508; Tech

ing District w/attached Response by Washington Mining to the U.S. EPA's request for Information Pursuant to Sect

ing District w/attached Response by Mueller Industries, Inc. to the U.S. EPA's request for Information Pursuant to S

(e) of CERCLA Regarding Upper Animas Mining District w/attached CD containg CBI documents

PDF 16321013 Request for Information pursuant to Section 104(e) of CERCLA, 42 U.S.C 9604(e) w/attached Certificat

Gold Corporation's Response to EPA's Request for Information dated 01/16/2013. (no/enclosures)

PDFs River w/attached Certificate

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PDF 2 contained claimed CBI information that has been redacted.

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Anticipated Tasks

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~~PDF~~ FD-12#TO-1008-13, Contract No. EP-W-05-050 w/attached Amendment #s B, C, D and E

~~PDF~~ FD-09, Contract No. EP-W-05-050 and Amendment #A - Increase Funding on the Project to Cover a Slight Overage

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~~PDF~~ FD-05 Amendment #B, Contract No. EP-W-05-050 - Increase Funding and LOE

~~PDF~~ Section Documentation (TDD), Completion date 12/31/2012

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~~PDF~~ Historic Information

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~~PDF~~ Revision 1 - for August 2011 Sampling and Field Activities, Upper Animas Mining District - Appendix A-C (Signed an

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~~PDF~~ #000001-000008, Ref. 16

~~PDF~~ #000001-000018, Ref. 15

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~~PDF~~ Activities Report - Red and Bonita Mine Site - Table A, Bates #0001-#0002, Ref. 10 (no attachments)

~~PDF~~ and Technical Summary - Mogul and Grand Mogul Mines - Tables A & B, Bates #001-003, Ref. 9

~~PDF~~ August 2011 Sampling and Field Activities, Upper Animas Mining District - Ref. 7, Bates #000001-000089

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~~PDF~~ Site - Ref. 3

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~~PDF~~ Animas River Watershed, San Juan County, Colorado

~~PDF~~ Investigations of Environmental Effects of Historical Mining in the Animas River Watershed

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~~PDF~~ Mining District - Analytical Results Report (ARR) for Site Reassessment

~~PDF~~ Mining District - Analytical Results Report (ARR) for Site Reassessment - Appendices A through D, Vol. 2

~~PDF~~ Analytical Results Report (ARR) - (Signature Page Only)

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~~PDF~~ District - Redline w/Changes, version 2

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Animas Mining District, TDD No. 1008-13 (w/o attachments)

Arsenic, Cadmium, Manganese & Zinc

Water Results - Arsenic, Cadmium, Manganese & Zinc

Water Results - Arsenic, Cadmium, Manganese & Zinc

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Cement Creek at Silverton; Internet publication)

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Report - Upper Animas River Basin

loading to the Upper Animas River Basin

ing Done & What Can Be Done to Improve Water Quality? (The Geological Society of America Reviews in Engineerin

include URS Operating Services Inc. Data Validation Reports and transmittal letter)

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Appendix D: Silverton Drinkingwater Results) (Preliminary Assessment - PASI Sites - PA/SI Watershed)

Upper Animas River Basin

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Surface Water Right; Certificate of Mailing attached)

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Contract #EP-W-05-050, TDD #0812-01 (Transmittal letter attached)

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Non-Analytical Results Report for Site Reassessment (ARR Text plus Table 1)

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Print, San Juan County, Colorado

PDF Appendices A through D, Upper Animas Mining District, Silverton, San Juan County, Colorado

PDF Supplemental Sampling Upper Animas Mining District, Silverton, San Juan County, Colorado

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ABF 3, TDD No. 0812-01

Locations & Elevated Metal Concentrations Map, UOS - START 3, TDD No. 1008-13

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Figure 1 Sub-Basin Drainages to Total Loading (and Concentrations)

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Figure 2 with Depth - Figure 6, Map dated 10/23/91

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PDF 3 and Upper Cement Creek Area

PDF 8 Cement Creek and Upper Cement Creek Area

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~~PDF 3~~ Animas Mining District, San Juan County, Colorado

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al Results Upper Animas - Waters - October 2010, TDF: DG-216 , LIMS: C101101

al Results Upper Animas - Rush Water - October 2010, TDF: DG-214, LIMS: C101004

al Results Upper Animas - Rush SED - October 2010, TDF: DG-214, LIMS: C101003

Custody Case #40755, SDG #MH36L0, Lab Name: ALS Laboratory Group - Contract Laboratory Program (CLP), Data

Custody Case #40755, SDG #MH35H7, Lab Name: ALS Laboratory Group - Contract Laboratory Program (CLP), Data

Custody Case #40755, SDG #MH35G5, Lab Name: ALS Laboratory Group - Contract Laboratory Program (CLP), Data

Custody Case #40755, SDG #MH35E5, Lab Name: ALS Laboratory Group - Contract Laboratory Program (CLP), Data

Custody Case #40755, SDG #H36L0, Lab Name: ALS Laboratory Group - Contract Laboratory Program (CLP), Data Pa

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Custody Case #40755, SDG #H35G5, Lab Name: ALS Laboratory Group - Contract Laboratory Program (CLP), Data P

Custody Case #40755, SDG #H35E5, Lab Name: ALS Laboratory Group - Contract Laboratory Program (CLP), Data P

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~~PDF 125~~ Removal Site Assessment for Mogul and Grand Mogul Mine Dumps

~~PDF 124~~ Grand Bonita Mine, Silverton, San Juan County

~~PDF 123~~ Grand Bonita Mine, Silverton, San Juan County

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~~Report~~

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District - Case #41730, SDG #MH30H7, Lab Name: Sentinel, Inc. - Contract Laboratory Program (CLP), Data Package

quest (LSR) R8090063 (Amended report) Includes 07/22/09 signed transmittal letter, folder dated 05/26/09)

quest (LSR) R8090063 (Includes 10/22/09 signed transmittal letter)

quest (LSR) R8090066 (Includes 07/17/09 signed transmittal letter, folder dated 06/19/09)

quest (LSR) R8090066 (Includes 10/23/09 signed transmittal letter)

quest (LSR) R8090067 (Includes 08/19/09 signed transmittal letter, folder dated 07/20/09)

quest (LSR) R8090067 (Includes 10/26/09 signed transmittal letter)

quest (LSR) R8090068

quest (LSR) R8090068 (Includes 10/26/09 signed transmittal letter)

quest (LSR) R8090069

quest (LSR) R8090069 (Includes 02/01/10 signed transmittal letter)

quest (LSR) R8090070 (Includes 02/05/10 signed transmittal letter, folder dated 11/20/09)

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PDF, Project 7 w/attached CD (Water treatment information from ORD, BLM, CIWT-RCTS, and other systems)  
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2003-2006 Water treatment information from ORD, BLM, CIWT-RCTS, and other systems)  
PDF RCTS, and other systems)  
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PDF BLM, CIWT-RCTS, and other systems)  
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MDPI, CMT-RCTS, and other systems)

PDF ORD, BLM, CIWT-RCTS, and other systems)

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## Attached Water Data Summaries

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PCP in water and the relationship to geological features: from the Animas River Watershed, San Juan Mtns, Silverto

PDF24 Page

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PD#4411 County, CO CERCLIS ID CO0001411347; TDD No. 0812-01

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Animas River Report

PDF District Data Gap Evaluation - Status 2/18/09

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signed by the U.S. Bureau of Land Management and the U.S. Forest Service, March 29, 2000 meeting, Denver, CO

1997-99 includes a CD

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PDF 54 Program Animas River Targeting Continuation Project Lower Animas Watershed

to Control Division of the CDPHE w/ attachments

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plaza, September 1997 and August 1998

PDF4745, 1998

Animas River Watershed (incomplete title page and content page only)  
 geology of Animas River Watershed Rocks Near Silverton, CO

## Impacts on the biological integrity of the Animas River

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phishing, Mogul, Gran Mogul, Dissolved metals Discrete Flow Mixtures Total Flowrate and Average Concentrations  
Loading Calculations w/ attached other data tables

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### Streams Affected by Mine Drainage

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### Flow Rate and pH Setpoint Selection

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ONE MANGEN & ZINC (MARGINALIA)

D:\SANJUAN, COUNTY, COLORADO TO IDENTIFY POTENTIAL WATER LOSS ZONES (SUMMARY OF GPS DATA, RECOM

## NUMBERS (CHARTS & DATA)

DEFINED BY PRINCIPAL COMPONENTS ANALYSIS (CONCENTRATIONS IN MILLIGRAMS PER LITER)

5 BY BRIANT KIMBALL, NOT ATTACHED, TRANSMISSION ONLY)

DESCRIPTION OF MAP UNITS ATTACHED)

NO MARGINALIA)

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PERIOD OF RECORD.--CHEMICAL ANALYSES: OCT. 1993 TO CURRENT YEAR. WATER QUALITY DATA, WATER YEAR OF  
FD(113) STANDARD OPERATING PROCEDURE FOR WELL DEVELOPMENT/ HOLLOW STEM AUGER WELL CONSTRUCTION  
OF THE TOTAL LOAD, UNLESS INDICATED: MILLIGRAMS PER SECOND MG/S) (TABLE 2: CEMENT CREEK ADITS - DISS  
CD(158)

INVERTEBRATE DATA FORM COLORADO DIVISION OF WILDLIFE, TABLE 3: WATER CHEMISTRY DATA MAGGIE GULCH

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## 5.2 METAL LOADING TO THE SYSTEM

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PER ANIMAS WATERSHED SAN JUAN COUNTY, COLORADO

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